

Name: _____ Date: _____ Hour: _____

Test Review L.S. 5

Define

1. Catalyst:
2. Examples of catalysts found in a catalytic converter:
3. True or False: When a catalyst is used in a chemical reaction the amount of the catalyst at the start is the same as at the end?
4. LuLu went to visit Valley Power Plant. She was curious about how the power plants work to control pollutants emitted into the atmosphere. If you were the tour guide, what would you tell her? Use the terms scrubber, precipitator, lime, water and sulfur dioxide.
5. Think back to the activity we did with hydrogen peroxide (H_2O_2) and manganese dioxide. Why did we add a scoop of manganese dioxide to the test tube? List two reasons.
6. Fill out the chart with a minimum of 3 examples of each.

Renewable	Nonrenewable

7. What is the difference between renewable and nonrenewable resources?

8. List the two major ways of reducing air pollution?

9. Define:

Biofuel –

List 3 examples of a biofuel and 2 examples of something that is not a biofuel.

Examples of Biofuel	Non-examples

10. What are the major differences between the Air Pollution Control Act of 1955 and the Clean Air Act of 1962?

11. How do economists, politicians and public policy experts investigate how to reduce air pollution?

Economists:

Politicians:

Public Policy Experts:

12. How and why has Los Angeles Air Quality improved over the past 50 years?

13. How and why has the Air Quality in the Adirondacks improved?

14. List and explain the three ways you can physically separate pollutants out of air?

1.

2.

3.

15. Convince your grandmother why it is important to buy and use compact fluorescent light bulbs and not incandescent light bulbs. Support your answer with a minimum of 2 facts from the book.

